



November 10, 2004

Kevin Mankouski  
ISO New England, Inc.  
1 Sullivan Road  
Holyoke, MA 01040-2841

Dear Kevin:

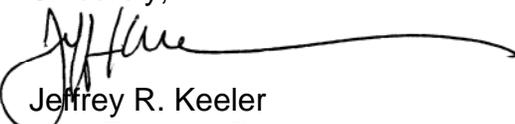
Please find enclosed Community Energy, Inc.'s "Application for NEPOOL Interconnection System Impact Study Agreement" for our proposed wind energy project in Lempster, New Hampshire.

I have included the following items as required by the ISO NE application form:

- 1) A check for \$1,000.00, per the Study Application Fee Schedule;
- 2) An affidavit of site control for the proposed wind project site in Lempster, New Hampshire; and
- 3) A Project Description and Mapping document, including USGS quad topographic maps and 1-line electric system maps that identify the proposed project site, turbine location and interconnection route. (2 copies).

I will follow up by telephone to ensure that you have received these items, that our application is complete, and that we can move forward with the interconnection study process in a timely manner.

Sincerely,



Jeffrey R. Keeler  
New England Director

cc: Tod Wicker, Public Service of New Hampshire  
James See, New Hampshire Electric Co-op

Attachments



# COMMUNITY ENERGY

BRINGING YOU NEW WIND ENERGY

## AFFIDAVIT OF SITE CONTROL

Application for NEPOOL Interconnection System Impact Study

State of Connecticut, County of New Haven

BEFORE ME, the undersigned Notary, Tring S. Schlorer [name of Notary before whom affidavit is sworn], on this 10<sup>th</sup> day of November, 2004, personally appeared Jeffrey R. Keeler, known to me to be a credible person and of lawful age, who being by me first duly sworn, on his oath, deposes and says:

I hereby attest that Community Energy, Inc., holds a valid written option to leasehold property in Lempster (Sullivan County), New Hampshire as a site for the proposed wind energy project for which new interconnection is sought.

Community Energy, Inc. has executed an "Option to Lease Wind Turbine Site" agreement with Lempster, New Hampshire landowners Kevin Onella, signed March 6, 2003, and Elizabeth Grader, signed July 2004, that provides valid site control for the proposed wind power project described in the Application for NEPOOL Interconnection System Impact Study. Supporting documentation will be provided to ISO New England upon request.

Jeffrey R. Keeler  
[signature of affiant]

Jeffrey R. Keeler  
New England Director  
Community Energy, Inc.  
22 Stanton Court  
Madison, CT 06443

Subscribed and sworn to before me, this 10th day of November, 2004.

[Notary Seal:]

Tring S. Schlorer  
[signature of Notary]

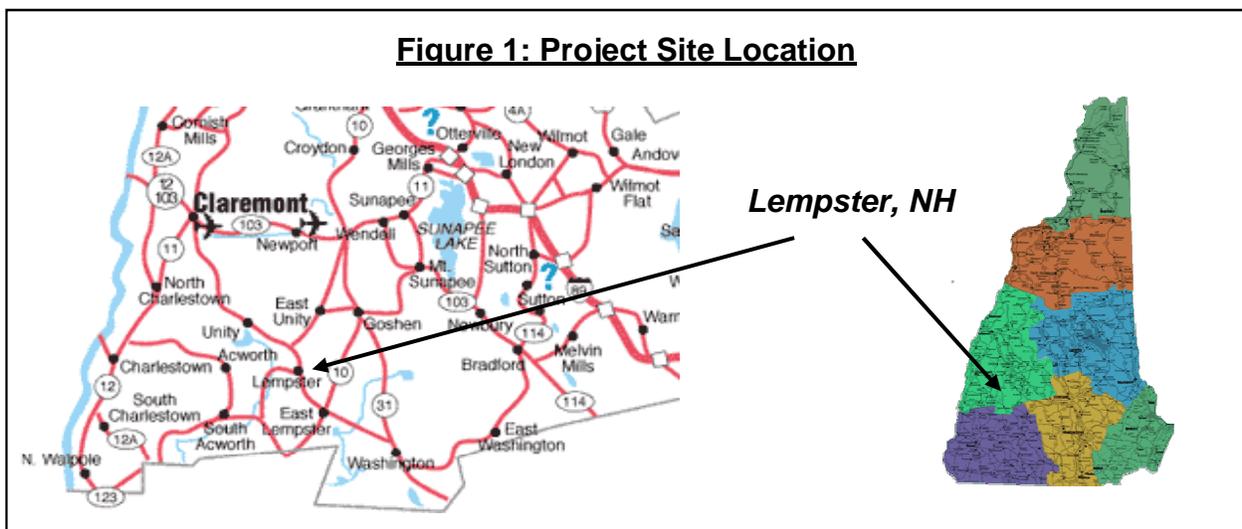
Tring S. Schlorer  
[typed name of Notary]

NOTARY PUBLIC

My commission expires: 7/31, 2007

***Proposed Project Description and Mapping:  
The Lempster Mountain Wind Power Project  
Lempster (Sullivan County), New Hampshire***

The Lempster Mountain Wind Power Project (“the Project”), located in Sullivan County in the Town of Lempster, New Hampshire, is a proposed 25 MW wind energy project currently under development by Community Energy, Inc. (CEI). CEI currently has lease options agreements in place with landowners in Lempster that have secured the project site. The maps in *Figure 1* below show the general location of the Project site.



The Project will consist of approximately 17 wind turbine installations at various locations along the Lempster Mountain ridge line within the site. (Please see *Figure 2, Project Site Map*, below)

The turbines will be either General Electric Wind Energy 1.5sle or Vestas v80 series machines. These turbine types incorporate state-of-the-art technology including reactive power and voltage ride-through capabilities. Energy will be generated at a low voltage (either 600 or 660v) and stepped to 34.5 kV. An underground 34.5 kV collector system will be used to connect the turbine locations for delivery to the interconnecting utility system.

Community Energy, through discussions with Public Service of New Hampshire (PSNH) and New Hampshire Electric Cooperative (NHEC), has worked to identify acceptable alternatives for delivery of the generated energy to a final delivery point. PSNH has performed a Preliminary Voltage Profile Study to determine preliminary feasibility for interconnection. Initial discussions between the parties resulted in the identification of

two routes that were considered acceptable for the delivery of the power. The following is a discussion of the preferred interconnection route.

The proposed Project metering location will be located on private property near the center of the wind turbine alignment (See *Figure 2, Project Site Map*). The preferred delivery route includes approximately two (2) miles of 34.5 kV line from the project to Route 10. This section will utilize an existing road right-of-way along School Road and a private residence access road. The right-of-way is presently occupied with a 7.2 kV single-phase NHEC distribution line. The Project's 34.5 kV line can be constructed from the metering location to Route 10 either as overbuild of the existing NHEC distribution line or as an underground circuit.

At the intersection of School Road and Route 10 the Project's 34.5 kV line will be constructed overhead in a northerly direction along Route 10 for a distance of approximately eight (8) miles to the PSNH Newport substation. (See *Figure 3, Interconnection Route Map, below.*) Existing road right-of-way will be utilized along Route 10. This route involves both PSNH and NHEC service territories, and therefore requires the cooperation and coordination of both utilities.

The 34.5 kV line will be connected to the 42X3 line at the PSNH Newport substation (see attached *Figure 4 – PSNH 1-line Drawing* and *Figure 5 – PSNH Map – Newport Substation*). A 34.5 kV breaker is required at this termination point. All remaining termination equipment would be incorporated within the existing Newport substation boundary.

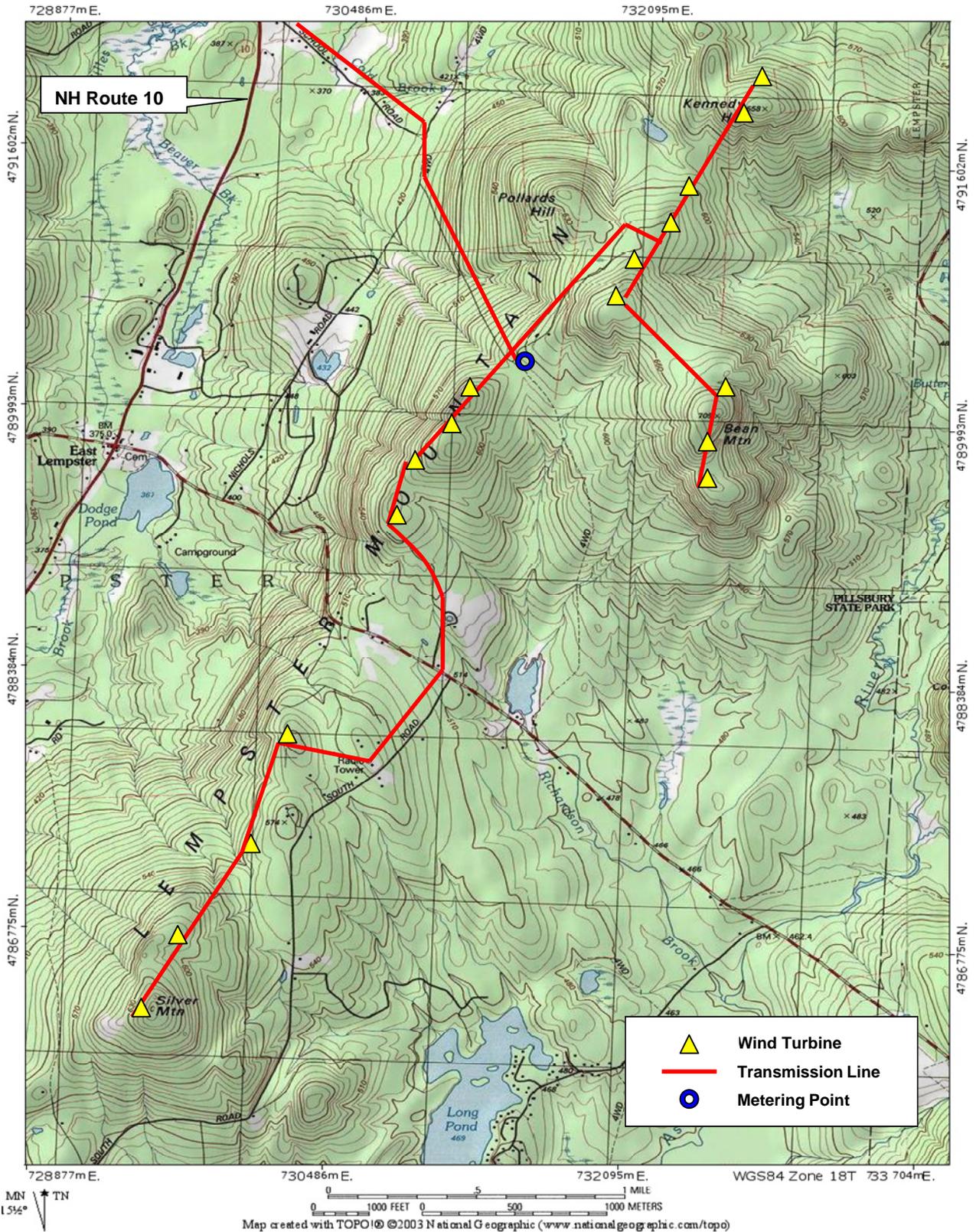
Final delivery of the generated power to a Pooled Transmission Facility (PTF) will be accomplished through the existing PSNH transmission system connection between the Newport and North Road substations.

Ownership, operation and maintenance for the Project's 34.5 kV line between the metering location and the Newport substation will be provided by PSNH.

Map Attachments include:

- Figure 2: Project Site Map
- Figure 3: Interconnection Route Map
- Figure 4: PSNH 1-line Drawing
- Figure 5: PSNH Map – Newport Substation
- Figure 6: PSNH Map - North Road Substation

**Figure 2 – Project Site Map**  
**Proposed Turbine & Transmission Line Locations**



**Figure 3 – Interconnection Route Map**  
**Proposed Transmission Line Locations**

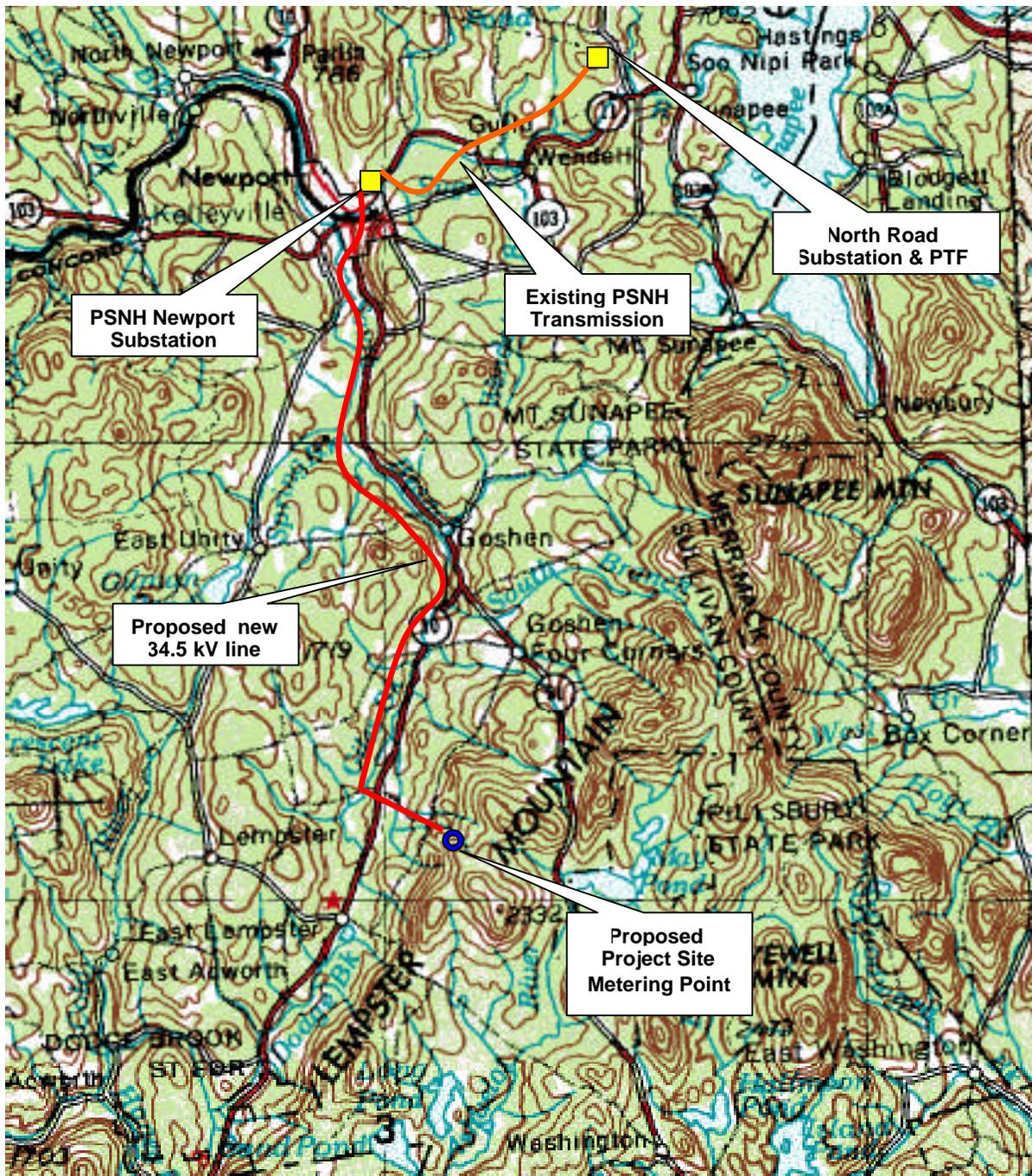
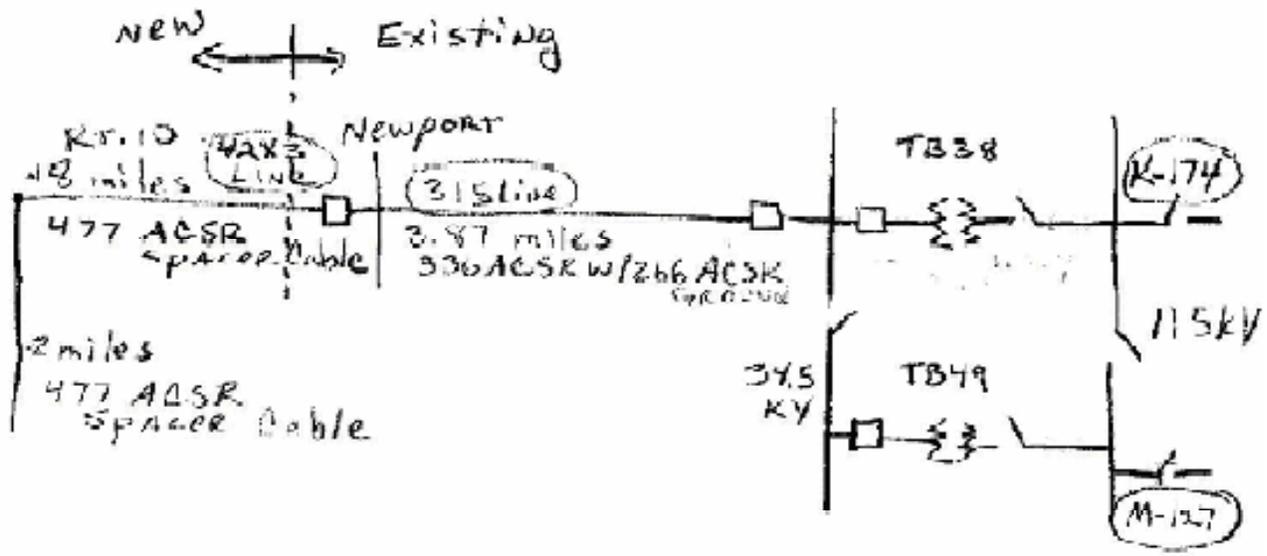
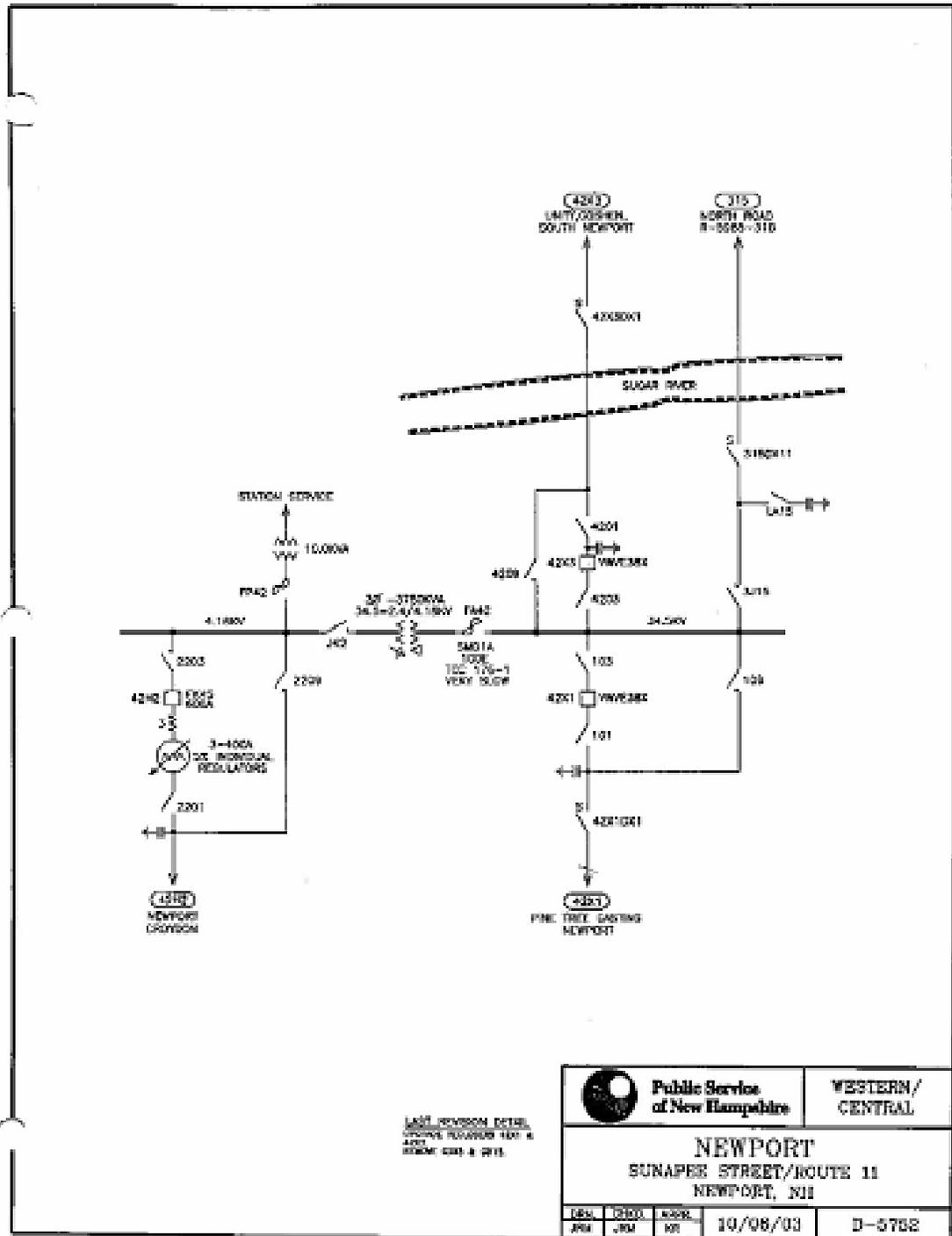


Figure 4 – PSNH 1-line Drawing



**Figure 5 – PSNH Map – Newport Substation**







**Application for**  
**NEPOOL Interconnection System Impact Study Agreement**  
 (where Through-or-Out service is not being requested)

**PROJECT INFORMATION**

**Proposed Project Name:** Lempster Mountain Wind Project

**Apprx Size Type & Loc.** Approximately 25 MW, located in Lempster (Sullivan County), New Hampshire  
Please see attached "Proposed Project Description and Mapping" document

**Expected Service Date:** Commercial Operation by 12/31/2005

**CUSTOMER INFORMATION**

**Company Name:** Community Energy, Inc.

**Company Address:** **Street Address:** (corporate headquarters) (New England office)  
 150 Strafford Avenue, Suite 110 22 Stanton Court  
**City, State ZIP:** Wayne, PA 19087 Madison, CT 06443

**Company Representative - Name:** Jeffrey R. Keeler  
**Title:** New England Director

**Phone:** 203.245.0757 **FAX:** 413.215.2702 (e-fax) **email:** jeff.keeler@newwindenergy.com

By signature below, the applicant agrees that the information contained in this application may be posted on the ISO Web Site under "Listing of Interconnections in Progress" and OASIS .

**Authorized Signature:** \_\_\_\_\_  **Date:** November 10, 2004

*The following items must be provided as part of a new and completed application:*

(a) Administration fee per Study Application Fee Schedule posted on the ISO New England Web site ;

(b) Site Control Affidavit;

(c) and Project Mapping (2 copies) with the project location identified of the quality produced by the U.S. Geological Survey.

*Failure to provide the above items and all the information required on the application could result in delaying the processing of your application. For a more detailed explanation of the application process, please view the "Procedure for The Establishment of NEPOOL Interconnection " at ISO New England web site @ [wwwiso-ne.com](http://www.iso-ne.com).*

**FAX or Mail To:** ISO New England, Inc. 1 Sullivan Road  
 FAX: 413 - 540-4203 Holyoke, MA 01040-2841  
 Attention: Kevin Mankouski Phone:413 535-4133

**ISO New England, Inc. Use**

Site Cntrl Deficient Date Received \_\_\_\_\_  Admin Fee Deficient Date Received \_\_\_\_\_

Project Mapping Deficient Date Received \_\_\_\_\_

Application#: \_\_\_\_\_ Recv'd By : \_\_\_\_\_ Date deemed Complete : \_\_\_\_\_

**CONFIDENTIAL**

RICHARD C. GROSS P.E., INC.  
RENEWABLE ENERGY PLANNING

May 26, 2005

Mr. Jeff Keeler, New England Director  
Community Energy, Inc.  
22 Stanton Court  
Madison, CT 06443

Dear Jeff:

SUBJECT: INFORMATION AND TECHNICAL DATA FOR ISO-NE AND PSHN –  
LEMPSTER, NH PROJECT

This letter is to transmit the information and technical data to be provided to the ISO – New England and Public Service Company of New Hampshire as listed in Exhibit 1 of the System Impact Study Agreement for the Lempster Mountain Wind Project.

Information contained in this appendix is confidential,  
proprietary and commercially-sensitive information.

Un-redacted material will be filed with the Committee along with  
a motion for protective order and establishment of procedures  
for treatment of all confidential and proprietary materials  
submitted in this Docket.

(4 Pages)